



SUPER EFFICIENT MULTI PV MODULES

World Class Solar PV Modules



Features:

- ⇒ Super Efficient Cells.
- ⇒ Super BOM
- ⇒ Rated No. 7 in world wide Photon Lab test report.
- ⇒ IEC/VDE/UL/TUV accredited.
- ⇒ PID Free Modules



Data Sheet

Technical		ALP295W	ALP300W	ALP305W	ALP310W	ALP315W	ALP320W
Typical Power* (Pmax)	W	295	300	305	310	315	320
Tolerance	%	+ 2.5	+ 2.5	+ 2.5	+ 2.5	+ 2.5	+ 2.5
Max. Power Voltage	V	35.76	35.93	36.09	36.26	36.42	36.55
Max. Power Current	A	8.25	8.35	8.46	8.55	8.65	8.76
Open Circuit Voltage	V	44.30	44.64	44.7	44.95	45.1	45.45
Short Circuit Current	A	8.65	8.75	8.92	8.85	9.1	9.12
Max. System Voltage	V	1000	1000	1000	1000	1000	1000
Cell Efficiency	%	17.00	17.25	17.50	17.70	18.30	18.30
Module Efficiency	%	15.44	15.70	15.8	16.23	16.75	16.75

Temperature Coefficient & Nominal Operating Conditions

NOCT*	46°C±2°C
Coefficient Power (%/°K)	-0.45%/°K
Coefficient Voltage (%/°K)	-0.31%/°K
Coefficient Current (%/°K)	0.05%/°K
Temperature Range	-40°C to 85°C

Physical Parameters

Number of Cells	Nos	72
Module Dimension	mm	1966x982x40
Weight-Approximate	kgs	24.30
JB Cable		4mm2, with Plugin type connectors, TUV certified, 1000mm

* NOCT irradiance 800 W/m², ambient temperature 20° C, wind speed 1m/sec

Due to constant product modifications, Alpex reserves the right to amend the above specifications without prior notice.

Alpex Solar (A Renewable Energy Division of Alpex Exports Pvt. Ltd.)

Head / Sales Office:
81/2, 1st Floor, Sri Aurobindo Marg,
Adhchini, New Delhi -110017 India.
Tel: +91 11 2654 7000-32
Fax: +91 11 2651 5355

Factory:
Village Berson, Post Manjholi,
Nalagarh, Solan - 174101 (HP), India.

ISO 9001:2008 CERTIFIED COMPANY (100% EOU)



IEC 61215, IEC 61730,
IEC 61701 approved.

Email: info@alpexonline.com Website: www.alpexsolar.com TOLL FREE NO : 1800-11-2573

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